PTO/SB/05 (03/01) Approved for use through 10/31/2002. OMB 0651-0032 Type a plus sign (+) inside this box + Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. H 5115 PCT/US UTILITY First Inventor Stephan, et al. PATENT APPLICATION **ELECTROCHEMICAL PRODUCTION OF** TRANSMITTAL NANOSCALE METAL (MIXED) OXIDES (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)) EV 192785778 US Express Mail Label No. Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: **Box Patent Application** Washington, DC 20231 See MPEP chapter 600 concerning utility patent application contents. CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) 1. Computer Program (Annendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission 2. Caa 27 CED 1 27 Computer Readable Form (CRF) Specification (Total Pages 22 3. (preferred arrangement set forth below) Descriptive title of the Invention b. Specification Sequence Listing on: i. ☐ CD-ROM or CD-R (2 copies); or - Cross References to Related Applications - Statement Regarding Fed sponsored R&D ii □ paper - Reference to sequence listing, a table. Statements verifying identity of above copies or a computer program listing appendix - Background of the Invention **ACCOMPANYING APPLICATION PARTS** - Brief Summary of the Invention 9. × Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) 37 C.F.R.§3.73(b) Statement Power of Attorney 10. - Detailed Description (when there is an assignee) English Translation Document (if applicable) - Claim(s) 11. - Abstract of the Disclosure Information Disclosure Copies of IDS Citations 12. Statement (IDS)/PTO-1449 x Drawing(s) (35 U.S.C. 113) [Total Sheets 13. X **Preliminary Amendment** 5. Oath or Declaration 1 Return Receipt Postcard (MPEP 503) [Total Pages X 14. (Should be specifically itemized) Certified Copy of Priority Document(s) Newly executed (original or copy) a. 15. (If foreign priority is claimed) Nonpulbication Request under 35 U.S.C. 122 (b)(2)(B)(i). Copy from a prior application (37 C.F.R. § 1.63(d)) h. 16. Applicant must attach form PTO/SB/35 or its equivalent (for continuation/divisional with Box 18 completed) **DELETION OF INVENTOR(S)** 17. International Search Report Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) х Continuation Divisional of prior application No: PCT/EP02/00826 filed January 26, 2002 Prior application information: Examiner Group Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 00423 Customer Number or Bar Code Label ☐ Correspondence address below (Insert Customer No. or Attach bar code label here) Henkel Corporation Name Law Department Address 2500 Renaissance Blvd., Suite 200 City Gulph Mills State Zip Code PA 19406

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FEE TRANSMITTAL	Complete if Known			
	Application Number	To be assigned		
for FY 2003	Filing Date	To be assigned		
Effective 01/01/2003. Patent fees are subject to annual revision.	First Named Inventor	Stephan, et al.		
☐ Applicant claims small entity status. See 37 CFR 1.27	Examiner Name	To be assigned		
TOTAL AMOUNT OF PAYMENT (\$).	Art Unit	To be assigned		
790.00	Attorney Docket No.	H 5115 PCT/ US		

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METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)							
☐ Check ☐ Credit Card ☐ Money ☐ Other ☐ None 3. ADDITIONAL FEES								
☑ Deposit Account: Order								
Describ		Entity Fee	Small Fee	Entity				
Deposit Account Order Nos. 03-0392 + 03-0393	Fee Code	(\$)	Code	Fee (\$)	Fee Description	ee Paid		
Number	1051	130	2051	65	Surcharge – late filing fee or oath			
Deposit Account 01-1250		50	2052	25	Surcharge – late provisional filing fee or cover sheet.			
Name		130	1053	130	Non-English specification			
The Commissioner is authorized to: (check all that apply)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	1		
<ul> <li>☑ Charge fee(s) indicated below</li> <li>☑ Credit any overpayments</li> <li>☑ Charge any additional fee(s) during the pendency of this application</li> </ul>	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
☐ Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	_ ' .' . '			
to the above-identified deposit account.		1,040	1000	1,040				
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month			
1. BASIC FILING FEE		410	2252	205	Extension for reply within second month			
Large Entity Small Entity Fee Fee Fee Fee <u>Fee Description</u> Fee Paid	1253	930	2253	465	Extension for reply within third month			
Code (\$) Code (\$)	1254	1,450	2254	725	Extension for reply within fourth month			
1001 750 2001 375 Utility filing fee 750	1255	1,970	2255	985	Extension for reply within fifth month			
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal			
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal			
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing			
	1451	1,510	1451	1,510	Petition to institute a public use proceeding			
1005 160 2005 80 Provisional filing fee	ŀ			•				
	1452 1453	110 1,300	2452 2453	55 650	Petition to revive – unavoidable Petition to revive - unintentional			
SUBTOTAL (1) (\$) 750	1501	· ·			<u></u>			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,300 470	2501 2502	650 235	Utility issue fee (or reissue) Design issue fee			
Fee from		630	2503	315	Plant issue fee			
Extra Claims below Fee Paid	1503			•				
Total Claims 1 -20**=   X   \$18.00   =	1460	130	1460	130	Petitions to the Commissioner			
Independent 1 - 3**= X \$84.00 =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
Multiple Dependent \$280.00 =	1806	180	1806	180	Submission of Information Disclosure Stmt			
		40	8021	40	Recording each patent assignment per property (times number of properties)	10.00		
Large Entity Small Entity	1809	750	2809	375	Filing a submission after final rejection			
Fee Fee Fee Fee Description	1810	750	2810	375	(37 CFR § 1.129(a)) For each additional invention to be examined (37 CFR			
Code (\$) Code (\$)					§ 1.129(b))			
1202 18 2202 9 Claims in excess of 20	1801	750	2801	375	Request for Continued Examination (RCE)			
1201 84 2201 42 Independent claims in excess of 3	1802	900	1802	900	Request for expedited examination of a design application			
1203 280 2203 140 Multiple dependent claim, if not paid	l							
1204 84 2204 42 ** Reissue independent claims over original patent	Other fee (specify)							
1205 18 2205 9 ** Reissue claims in excess of 20								
and over original patent SUBTOTAL (2) (\$)	* Redu	* Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00						
** or number previously paid, if greater; For Reissues, see above					(4) 40 (1)			
SUBMITTED BY	Regio	tration I	Va   -	2.042	Complete (if applicable)			
Name (Print/Type) Stephen D Harper	_	ney/Age	, ,	3,243	Telephone 610-278-4927			

July 30, 2003 Signature

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